

The light-emitting thyristor matrix array may be provided in which wiring are crossed without being electrically connected to each other. An array of three-terminal light-emitting thyristors in which a substrate is used as a common cathode or anode is divided into blocks n by n (n is an integer ≥ 2), gates of n light-emitting thyristors included in each block are separately connected to n gate-selecting lines, and anodes or cathodes of n light-emitting thyristors included in each block are commonly connected to one terminal, respectively.